

CLAIMS

1. A hair treatment composition comprising:
  - 5 a) from 0.2 to 5% by weight of the total composition of a cationic surfactant according to the formula:  
 $[N(CH_3)_3(R_1)]^+ (X)^-$  wherein  $R_1$  is a  $C_{14}$  to  $C_{22}$  alkyl group and X is a salt-forming anion selected from  
10 halogen, acetate, citrate, lactate, glycolate, phosphate, nitrate, sulphate, and methosulphate radicals;
  - b) from 0.01 to 1.0% by weight of the total composition of a di-( $C_{20}$ - $C_{24}$ ) imidazoline quaternary  
15 surfactant; and
  - c) from 0.0001 to 0.5% by weight of the total composition of a cationic surfactant according to the formula  $[N(CH_3)_2(CH_2CH_2OH)R_2]^+ Y^-$  wherein  $R_2$  is a  
20  $C_{12}$ - $C_{22}$  alkyl group and Y is a salt-forming anion selected from halogen, acetate, citrate, lactate, glycolate, phosphate, nitrate, sulphate, and methosulphate radicals.
- 25 2. A hair treatment composition according to claim 1 in which the level of the cationic surfactant a) is from 0.3 to 5 wt% of the total composition.
3. A hair treatment composition according to claim 1 or  
30 claim 2 in which the level of the di-( $C_{20}$ - $C_{24}$ ) imidazoline

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quaternary surfactant b) is from 0.05 to 0.5% by weight of the total composition.

4. A hair treatment composition according to any preceding  
5 claim in which the level of cationic surfactant c)  
according to the formula  $[N(CH_3)_2(CH_2CH_2OH)R_2]^+Y^-$  is from  
0.001 to 0.2% by weight of the total composition.
5. A hair treatment composition according to any preceding  
10 claim further comprising a  $C_{16}$ - $C_{22}$  alkyl chain fatty  
material selected from the group consisting of fatty  
alcohol, alkoxyated fatty alcohol, fatty acid and  
mixtures thereof.
- 15 6. A hair treatment composition according to any preceding  
claim further comprising 50% by weight or more of the  
total composition of water.
7. A hair treatment composition according to any preceding  
20 claim further comprising a silicone.
8. A hair treatment composition according to any preceding  
claim further comprising a hydrophobically modified  
clay.
- 25 9. A hair treatment composition according to any preceding  
claim further comprising a hydrocarbon oil.
10. Use of a composition as described in any one of claims 1  
30 to 9 to improve the condition of the hair.

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11. A method of conditioning the hair comprising the step of applying to the hair and/or scalp a composition as described in any one of claims 1 to 9.